

**Amendments to the Specification:**

Please amend the specification as follows.

**Page 11, delete the fourth paragraph and substitute therefore the following:**

Each of the corrugations has a length not less than seven times a diameter of a cold leg, and the corrugations are vertically arranged around the inner surface of the pressure vessel and the outer surface of the core barrel, such that a length ratio of an upper section to a lower section of each of the corrugations is set at 4:3 when the upper and lower sections of the corrugation are sectioned on the basis of a central axis of the cold leg. ~~The length ratio, from the center of the cold leg to the top of the corrugations versus from the center of the cold leg to the bottom of the corrugations, is set at 4:3.~~

**Delete the paragraph bridging Pages 19 and 20 and substitute therefore the following:**

The corrugations 50 are vertically arranged around the pressure vessel 5 and the core barrel 10, such that the length ratio of the upper section to the lower section of each corrugation 50 is set at 4:3 when the upper and lower sections of the corrugation 50 are sectioned on the basis of a horizontal plane formed by the central axes of the cold legs 15 ~~, from the center of the cold leg to the top of the corrugations versus from the center of the cold leg to the bottom of the corrugations, is set at 4:3.~~ For example, when the length of each corrugation 50 is set at seven times the diameter of each cold leg 15, the corrugations 50 are vertically arranged such that the length of the upper section of each corrugation 50 is four times the diameter of each cold leg 15, and the length of the lower section of each corrugation 50 is three times the

diameter of each cold leg 15. Of course, the corrugations 50 are arranged around the pressure vessel 5 and the core barrel 10 at regular intervals. In such a case, the regular distances between the ridges 90 of the corrugations 50 are preferably set at 1.5 times the width "h" of each inclined surface 55 of the corrugations 50.